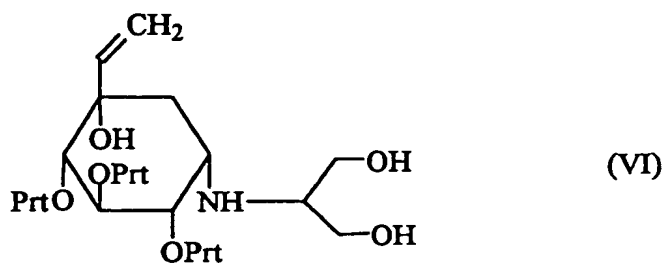
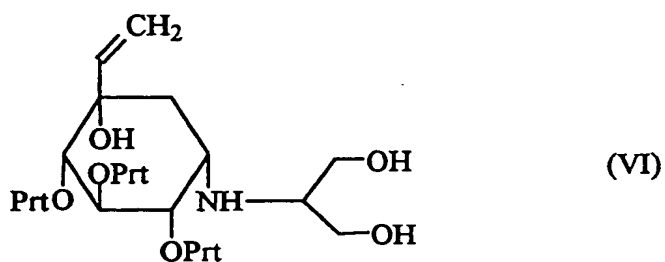


CLAIMS

1. An inositol derivative represented by the formula (VI):

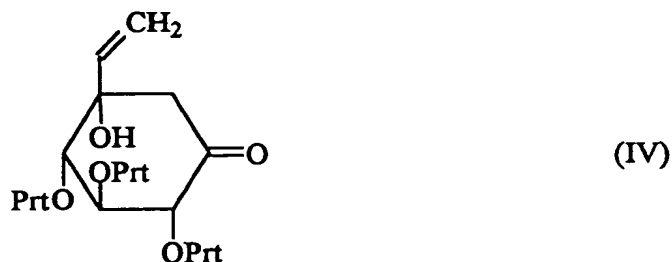


- 5 wherein Prt is a protecting group of hydroxyl group.
2. The inositol derivative according to claim 1, wherein Prt is a benzyl group, an acyl group or a silyl group, each of which may have a substituent.
- 10 3. A process for preparing an inositol derivative represented by the formula (VI):



wherein Prt is a protecting group of hydroxyl group,

characterized in that a cyclohexanone compound represented by the formula (IV):



wherein Prt is as defined above,

5 is dihydroxyaminated using a dihydroxyminating agent and a reducing agent.

4. The process for preparing an inositol derivative according to claim 3, wherein the dihydroxyminating agent is

2-amino-1,3-propanediol represented by the formula (V):

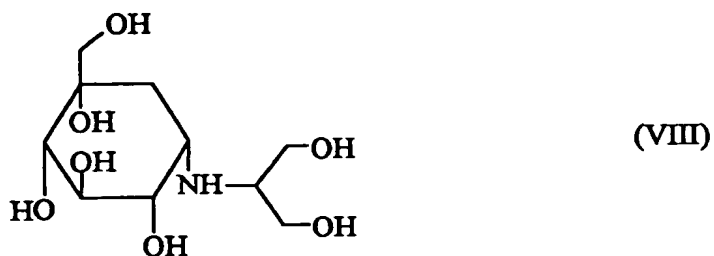


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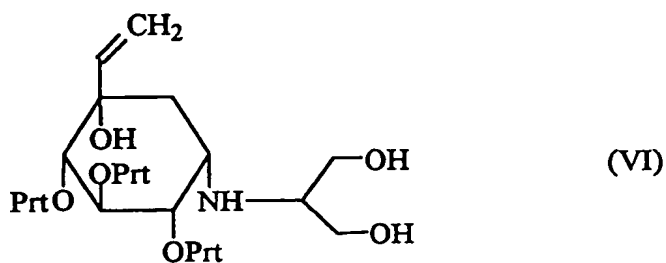
5. The process for preparing an inositol derivative according to claim 3 or 4, wherein Prt is a benzyl group, an acyl group or a silyl group, each of which may have a substituent.

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6. A process for preparing voglibose represented by the formula (VIII):

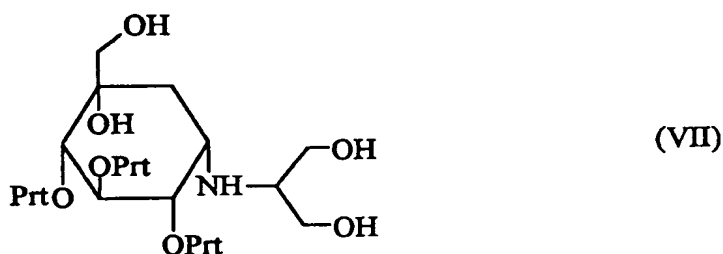


characterized in that an inositol derivative represented by the formula (VI):



wherein Prt is a protecting group of hydroxyl group,

5 is oxidized to give an inositol compound represented by the formula (VII):



wherein Prt is as defined above, and

the protecting group, Prt of the inositol compound is deprotected.

- 10 7. The process for preparing voglibose according to claim 6, wherein Prt is a benzyl group, an acyl group or a silyl group, each of which may have a substituent.